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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Henry J. WINDLE et al.

Group Art Unit: 1645

Serial No.: 10/068,870

Examiner: Unassigned

Filed: February 11, 2002

For: CLOSTRIDIUM DIFFICILE VACCINE

INFORMATION DISCLOSURE STATEMENT

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Commissioner of Patents
Washington, DC 20231

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

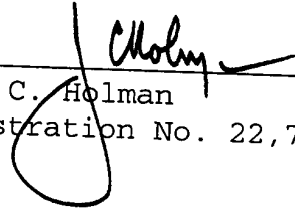
In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the

above-identified application as set forth in 37 CFR §1.491.
Accordingly, no fee is required.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By: _____


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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P67635US0 GROUP ART UNIT: 1645
 SERIAL NO.: 10/068,870 FILING DATE: February 11, 2002
 APPLICANT(S): Henry J. WINDLE et al. TODAY'S DATE: May 9, 2002

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE If Appropriate)
AA						
AB						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES) (NO)
AC					
AD					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

____ / AE Emanuela CALABI et al., "Molecular Characterization of the Surface Layer Proetins from Clostridium Difficile", Mol. Microbiol., (2001), Vol. 40, pages 1187-1199.

____ / AF Marina CERQUETTI et al., "Characterization of Surface Layer Proteins from Different Clostridium Difficile Clinical Isolates", Microbial Pathogenesis, (2000), Vol. 28, pages 363-372.

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EXAMINER	DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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AI- Michel DELMEE et al., "Characterization of Flagella of Clostridium Difficile and Their Role in Serogrouping Reactions", Journal of Clinical Microbiology, (1990), Vol. 28, No. 10, pages 2210-2214.

AJ- Tuomo KARJALAINEN et al., "Molecular and Genomic Analysis of Genes Encoding Surface-Anchored Proteins from Clostridium Difficile", Infection and Immunity, (2001), Vol. 69, No. 5, pages 3442-3446.

AK- Tomio KAWATA et al., "Demonstration and Preliminary Characterization of a Regular Array in the Cell Wall of Clostridium Difficile", FEMS Microbiology Letters, (1984), Vol. 24, pages 323-328.

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AO- Lynne V. MCFARLAND et al., "Correlation of Immunoblot Type, Enterotoxin Production, and Cytotoxin Production with Clinical Manifestations of Clostridium Difficile Infection in a Cohort of Hospitalized Patients", Infection and Immunity, (1991), Vol. 59, No. 7, pages 2456-2462.

AP- Maury Ellis MULLIGAN et al., "Elevated Levels of Serum Immunoglobulins in Asymptomatic Carriers of Clostridium Difficile", Clin Infect. Dis., (1993), 16(Suppl 4), pages S239-244.

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- AQ- Henrik NIELSEN et al., "Identification of Prokaryotic and Eukaryotic Signal Peptides and Prediction of their Cleavage Sites", Protein Engineering, (1997), Vol. 10, No. 1, pages 1-6.
 AR- G.L. O'NEILL et al., "Modification of a PCR Ribotyping Method for Application as a Routine Typing Scheme for Clostridium Difficile", Anaerobe, (1996), Vol. 2, pages 205-209.
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 AT- D.H. PERLMUTTER et al., "Chronic Diarrhea Associated with Hypogammaglobulinemia and Enteropathy in Infants and Children", Digestive Diseases and Sciences, (1985), Vol. 30, No. 12, pages 1149-1155.
 AU- Ian R. POXTON et al., "Variation in the Cell Surface Proteins of Clostridium Difficile", Anaerobe, (1999), Vol. 5, pages 213-215.
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 AW- U.B. SLEYTR et al., "Crystalline Bacterial Cell Surface Layers", Molecular Microbiology, (1993), Vol. 10, No. 5, pages 911-916.

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